

FDOT Automated Quantities - Chapter 3 Civil Features and Adhoc Attributes Manager



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Objectives

- *Introduce the Civil Features*
- *Introduce Adhoc Attribute Manager*

Civil Features

- *Define element attributes*
 - *Sets symbology per view*
 - *Plan, Profile, Cross Section, 3D*
 - *Defined with Element Templates or Native Style*
 - *Native Style = DDB Features*
- *Only Used by Civil Tools*
- *If Native Style is used, any adhoc attributes defined in the DDB will be applied to the civil element drawn.*
 - *Civil Tools do not allow for modifying any adhoc when placing elements in the file.*

Adhoc Attributes

- *Special Tags used by GEOPAK to add extra information to elements.*
 - *Add Notes*
 - *Define variables in formulas*
 - *Add pay items to calculate multiple pay item quantities using 1 element or override the default quantity*
 - *Used by Linked Data Manager to populate summary box columns and sort the data brought into a summary box.*

Adhoc Attributes

- *Comprised of 3 components*
 - *Name*
 - *Type*
 - *String – Alpha/Numeric values treated as Text*
 - *Numeric – Only numeric values and can be used in formulas*
 - *Unit*
 - *Quantity*
 - *Remark (Used as a note but not brought over to Quantity Manager.)*
 - *Value*

Adhoc Attributes

Adding Pay Items...

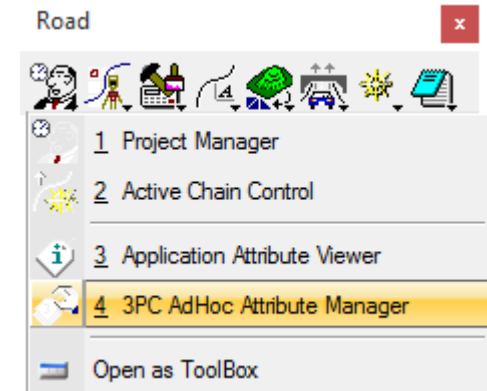
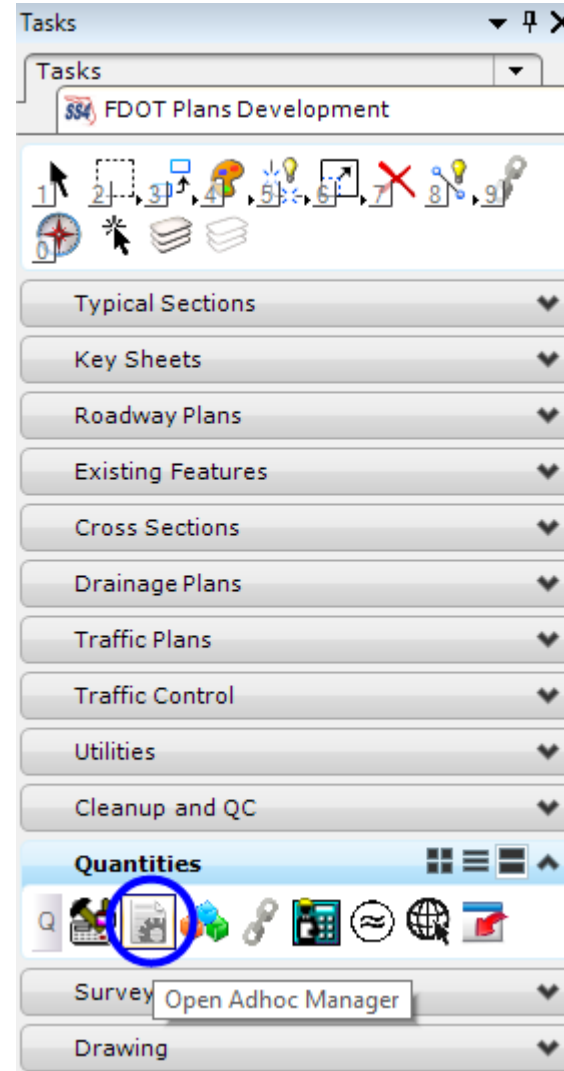
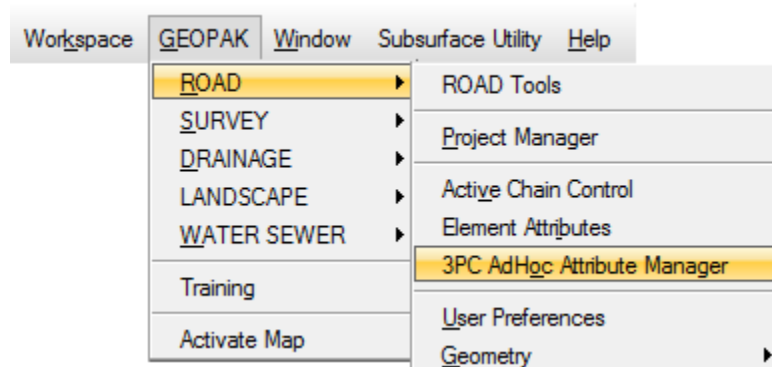
- *Name = the pay item number*
- *String, Unit and Quantity work together to define the pay item*
 - *String - set the pay item description to be reported*
 - *Unit - sets the computation method, i.e. EA, GM, LF, etc.*
 - *Quantity - value overrides the computed quantity*

Adhoc Attributes

*FDOT defined Adhocs used in Quantity Workflow
(See pages 3-4 and 3-5 of manual.)*

Adhoc Attribute Manager

- Access



Questions???

Thank-you for joining today's session.

Need some HELP? Contact me...

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FDOT CADD Support Forum On-line

http://communities.bentley.com/communities/user_communities/fdot_cadd_support/default.aspx

